

DERWENT-ACC-NO: 1997-328687
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TITLE: Fibrous material for reinforcing concrete material - comprises enforced carbon@ fibre sheet and thermoplastic resin fibrous sheet, displaying good adhesion to concrete and is light, with a good shelf life and workability.

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PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE
PAGES	MAIN-IPC	
JP 09132852 A	May 20, 1997	N/A
009	D04H 001/54	

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO
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JP 09132852A	N/A	1996JP-0094789
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D06M015/00 ;
E04G023/02

ABSTRACTED-PUB-NO: JP 09132852A

BASIC-ABSTRACT: The fibrous material comprises a reinforced fibrous sheet and a fibrous sheet of thermo-plastic resin.

The fibrous sheet is composed of fibres oriented in one direction with holes through which the thermoplastic resin can pass, and is thermally fused to the sheet.

Also claimed is method for reinforcing the concrete

material comprising:

- 1) applying an adhesive or adhesive matrix resin onto surface of the concrete;
- 2) providing the fibrous material onto the adhesive and the adhesive matrix on the concrete;
- 3) further applying resin onto the fibres pressing them to adhere and melting the adhesive from the under layer, impregnating the adhesive into the fibres whilst removing air foam away from concrete surface.

USE - For reinforcing concrete materials.

ADVANTAGE - The fibrous material has high adhesion to concrete material, and has storage stability, light in weight, drape, no temperature dependence and good workability etc.

CHOSEN-DRAWING: Dwg.1/6

TITLE-TERMS :

FIBRE MATERIAL REINFORCED CONCRETE MATERIAL COMPRISE
ENFORCE CARBON@ FIBRE
SHEET THERMOPLASTIC RESIN FIBRE SHEET DISPLAY ADHESIVE
CONCRETE LIGHT SHELF
LIFE WORK

DERWENT-CLASS: A93 F04 L02 Q46

CPI-CODES: A12-R01A; F01-D09A; F03-D; L02-D05;

UNLINKED-DERWENT-REGISTRY-NUMBERS: 1669U

ENHANCED-POLYMER-INDEXING:

Polymer Index [1.1]

018 ; H0317 ; S9999 S1581

Polymer Index [1.2]

018 ; ND01 ; Q9999 Q7001 Q6995 ; K9892 ; B9999 B5301
B5298 B5276

; B9999 B3532 B3372 ; K9676*R ; K9574 K9483

Polymer Index [1.3]

018 ; Q9999 Q6791 ; N9999 N6439

Polymer Index [2.1]

018 ; P0000

Polymer Index [2.2]

018 ; ND01 ; Q9999 Q7001 Q6995 ; K9892 ; B9999 B5301
B5298 B5276

; B9999 B3532 B3372 ; K9676*R ; K9574 K9483

Polymer Index [2.3]

018 ; Q9999 Q6644*R ; K9994 K9483 ; N9999 N5721*R ;
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